

Abstract

The plant comprises a plurality of shuttles (10) each carrying at least one die part (110), the shuttles being conveyed in a moulding apparatus (20) which is provided with a plurality of punches and a corresponding plurality of seats (21) for holding the shuttles (10), the seats arranged to receive and release the shuttles (10), the moulding apparatus comprising means for inserting the punches into the die cavities (11, 12) of the shuttle and means for withdrawing the punches to achieve a compression moulding cycle for the article. The shuttles (10) are independent of the moulding apparatus. Each shuttles (10) comprises at least one circuit (15) for at least one conditioning fluid for controlling the temperature of the article located in the die, the moulding apparatus (20) comprising at least one feed system (25) for at least one conditioning fluid to feed the conditioning fluid to the shuttles (10) inserted in the seats (21) of the moulding apparatus (20).